

# Impromptu / PowerPlay

WHY?



# DCMC's Automated Systems (Accessible by Cognos Tools)

## Through Databases (requires database access):

1. Performance Labor and Accounting System (PLAS). \*
2. Shared Data Warehouse.\*
3. Any Local Databases.

## Through DIRAMS (requires DIRAMS access only):

1. DIRAMS (formally Automated Metrics System (AMS)).
2. Mechanization of Contract Administrative Services (I).
3. ALERTS.
4. Defense Contract Admin. Reimb. Reporting Sys. (DCARS).
5. 16 Total Databases (identified during module 1 of Imp training).

\* Various reports are contained in the programs

# The Cognos Suite

- **Consists of four programs:**
  - Impromptu
  - Transformer
  - PowerPlay
  - Portfolio
- **Commercial “Off-The-Shelf” program.**
- **User friendly (compared to SPECTRA).**
- **Runs in a 32 bit environment.**
- **Windows based.**
- **Web based applications available for  
Impromptu  
and PowerPlay.**

# Program Descriptions

## **Impromptu**

Business driven, interactive query and report building

## **Transformer**

Transforms two dimensional data into a multi-dimensional application.

## **PowerPlay**

Allows multi-dimensional analysis of the reported data

## **Portfolio**

Displays data (briefing books). Used by SDW and DCI and Unit Cost (Tool Box).

# Impromptu vs. PowerPlay

## *Impromptu (client version)*

- Used for data reporting and charting (Quick “numbers”).
- Extracts data “real time”.
- One time report generation.
- Data refreshed on the server by the applicable program.
- Contains **NO** historical data, or trends if not maintained in the database.

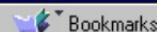
## *PowerPlay (client version)*

- Used for data reporting, charting and analysis.
- Can contains historical data for trends and analysis.
- In-depth, multidimensional analysis of the numbers.
- One time report generation (data must be refreshed).
- Power cubes must be downloaded to update.

# Impromptu Web



# Impromptu Web, Where

Bookmarks Location: <http://www.dcmc.hq.dla.mil>[HOME](#) | [LIBRARY](#) | [RECENT UPDATES](#) | [POLICY](#) | [IMS](#) | [CAS](#) | [SUSPENSES](#) | [TEAMS](#) | [EVENTS](#) | [SEARCH](#) | [SITE INDEX](#)**DCMC**Defense Contract  
Management Command

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## CAS Management Support Services

[Information Technology](#)  
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[Training](#)Download [Acrobat Reader](#)Use as a minimum [Netscape Communicator](#) v4.06 or equivalent at 800x600 resolution.Please Tell Us What You Think | [stephen\\_isley@hq.dla.mil](mailto:stephen_isley@hq.dla.mil)You have reached a United States Government server. Please read this [important notice!](#)

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## Large Text Version of Home Page

# Impromptu Web

**BIC**

Business Information Center  
D C M C C - F

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Impromptu Reports  
**Impromptu Web Reports** (circled)  
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Data Locations

BIC Directory | PIO Information | Metrics Guidebook | DIRAMS Projects  
PowerPlay Cubes | Performance Plan - 2000 | DCMC Home

(BIC Home Page)

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Or

# Impromptu Web

**Logon**

Enter a user ID and password that is valid for Cognos applications.

User ID:  
JF

Password:  
\*\*\*\*\*

Two Position Org Code  
"dirams" (case sensitive)

Log On   Clear   Cancel   COGNOS

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## From the BIC Home Page

### From the Site Index



# Impromptu Web

Cognos Impromptu Web Reports

Inbox Subscriptions All Reports

All Reports

Title	Format	Updated	Actions
<a href="#">PreAward Surveys</a>			
Contains reports concerning Open and Closed PreAward Surveys and the current PreAward Survey Cube.			
<a href="#">Cancelled Funds</a>			
Contains one report concerning amount of cancelling funds.			
<a href="#">Contract Closeout</a>			
Contains two reports and two PowerPlay Cubes pertaining to the Contract Closeout Process.			
<a href="#">Contract Workload</a>			
Contains three reports and one cube which display contract quantity, obligated amounts, and unliquidated amounts of contracts delegated for administration.			
<a href="#">Earned Value</a>			
Contains one report and one cube which display percent of schedule slippage and cost overrun for EVMS Program contracts.			
<a href="#">Forward Pricing</a>			
Contains two reports and two cubes which display various Forward Pricing Rate Agreement and Recommendation information.			
<a href="#">Progress Payments</a>			
Contains one report containing progress payment invoice information.			

# Impromptu Web

Cognos Impromptu Web Reports

Inbox Subscriptions All Reports

PreAward Surveys

Title	Format	Updated	Actions
<a href="#">Completed Preaward Surveys</a>	Impromptu (*.pdf)		
Displays the serial numbers, due dates, and completion dates of PreAward Surveys completed by the selected Contract Administration Office during the specified period (Completed PreAward Surveys.imr).			
<a href="#">Open PreAwards by CAO</a>	Impromptu (*.pdf)		
Displays the current quantity of PreAward Surveys that are open by Contract Administration Office (Open PreAwards by CAO.imr). Note: Users may drill through to Open PreAward Surveys - Detail.imr by clicking on CAO name to view PreAward Survey serial numbers.			
<a href="#">PreAward Surveys</a>		Jan 27 08:07:19 EST 2000	
PreAward Survey PowerPlay Cubes			

## Report Screen Will Appear

Report: [Open PreAwards by CAO](#)



Status: Queued for running

Start time: 03/13/00 13:17:32 (Eastern Standard Time)

[PreAward Surveys](#)



Inbox

Click to view report

# Impromptu Web

Cognos Impromptu Web Reports

Inbox Subscriptions All Reports

Inbox 1 Unread item

Title	Format	Updated	Actions
<a href="#">Open PreAwards by CAO</a>	Impromptu (*.pdf)	Mar 13 13:19:50 EST 2000	
Displays the current quantity of PreAward Surveys that are open by Contract Administration Office (Open PreAwards by CAO.imr). Note: Users may drill through to Open PreAward Surveys - Detail.imr by clicking on CAO name to view PreAward Survey serial numbers.			

The report shows up in the Inbox

Select View, View in Excel (.xls) format, or Save, an

Inbox Subscribe View Go!

Document: Done

# Impromptu Web



## Formal PreAward Surveys Quantity Open As of:

Date: 3/13/00

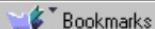
(Click on Org Name to View Formal PAS Serial Numbers)

Org Name	Quantity Open
<a href="#">DCMC PACIFIC KUALA LUMPUR</a>	0
<a href="#">DCMC APMO GA</a>	0
<a href="#">DCMC ATLANTA</a>	6
<a href="#">DCMC BALTIMORE</a>	2
<a href="#">DCMC BALTIMORE MANASSAS</a>	0
<a href="#">DCMC BALTIMORE NORFOLK</a>	0
<a href="#">DCMC BIRMINGHAM</a>	2
<a href="#">DCMC BOSTON</a>	1
<a href="#">DCMC CHICAGO</a>	3
<a href="#">DCMC CLEVELAND</a>	0
<a href="#">DCMC DALLAS</a>	0
<a href="#">DCMC DAYTON</a>	11
<a href="#">DCMC DENVER</a>	1
<a href="#">DCMC DETROIT</a>	2
<a href="#">DCMC HARTFORD</a>	0
<a href="#">DCMC HARTFORD GD ARMT SYS</a>	0
<a href="#">DCMC HARTFORD PITTSFIELD GD DEF SYS</a>	0
<a href="#">DCMC HARTFORD STRATFORD</a>	0
<a href="#">DCMC INDIANAPOLIS</a>	2

# PowerPlay Web



# PowerPlay Web, Where Is



Location: <http://www.dcmc.hq.dla.mil>

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Defense Contract  
Management Command

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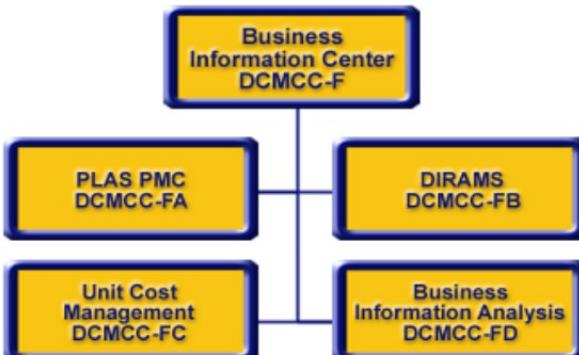
## Large Text Version of Home Page

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For further information contact:  
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703-787-6759,  
[rgibbons@domchq.dla.mil](mailto:rgibbons@domchq.dla.mil)

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PowerPlay Web



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**(Not a complete list)**

# PowerPlay Web Help



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## PowerPlay Web Reporting

PowerPlay Web reports give you a multidimensional approach to business analysis. They bring together the key dimensions of your business and let you explore any combination of data—up, down, and across the critical dimensions. You can look at the impact of each area on overall results and on other areas. For example, you can examine North American sales for 1997 for a specific product line.

Reports are documents that you view and work with in a Web browser. The documents are generated on the PowerPlay server in HTML (Hypertext Markup Language) format. A PowerPlay Web report consists of three parts: a [dimension line](#), a [display](#), and a [toolbar](#).

With PowerPlay Web reports, you can

- explore information, one dimension at a time or using multiple levels from the same or different dimensions (nested categories)
- compare data using quantitative measures such as Revenue and Profit Margin
- analyze specific combinations of data using calculated categories
- show information as actual values or as a percentages
- convert values to the currency of your choice
- filter data
- suppress, highlight, and sort values
- choose the type of display and amount of data to show

# What is a PowerPlay Web

Report?

You can explore and analyze your data in a

cube

via an HTML page on the Web.

- ◆ The default display contains:  
and The first two dimensions in the rows

The screenshot shows a PowerPlay Web report interface. At the top, there is a dimension selector bar with dropdown menus for CAO, Date, Sec, Part, and Type, followed by a Kind dropdown. Below this is a data grid. The grid has a header row with columns for 'Quantity of Contracts' (dropdown), three dates ('Sep 95', 'Sep 96', 'Sep 97'), and 'Date' (dropdown). The data rows show contract counts for categories DCMDE, DCMDW, DCMDI, and Other, with totals at the bottom. The bottom row shows a summary for CAO.

Quantity of Contracts	Sep 95	Sep 96	Sep 97	Date
as values				
DCMDE	244734	249341	245393	739468
DCMDW	118385	123445	124270	366100
DCMDI	2212	2584	3236	8032
Other	0	2	0	2
CAO	365331	375372	372899	1113602



Workload History - End FY95 thru End FY97 (history.mdc)

# PowerPlay Web Dimension Line

- Displays all the available dimensions and measures.

- Determines the contents available for PowerPlay Web reports.

Quantity of Contracts	Sep 95	Sep 96	Sep 97	Date
DCMDE	244734	249341	245393	739468
DCMDW	118385	123445	124270	366100
DCMDI	2212	2584	3236	8032
Other	0	2	0	2
CAO	365331	375372	372899	1113602

# The Toolbar

- ◆ The PowerPlay Web toolbar provides most of the functionality to manipulate the report.



Crosstab Display	Stacked Bar Display	Swap Rows and Columns	Saves to a .CSV Format
Indented Crosstab Display	Multiline Display	Exception Highlighting	Drill Through
Pie Display	Fit to Page	80/20 Display	? Help
Single Bar Display	Rows Per Page	Suppress Zeros	Return to Source
Clustered Bar Display	Columns Per Page	Prepare a Bookmark	

# Changing Columns and Rows

Using the Change Columns and Change Rows drop down lists, you can chose what data appears in your report.

The screenshot shows a data reporting interface with several dropdown menus at the top:

- CAO
- Date
- Sec
- Part
- Type
- Kind

Below these are two dropdown menus:

- Quantity of Contracts
- as values

The main data area displays four rows of data:

	Sep 95	Sep 96	Sep 97	Date
DCMDE	244734	249341	245393	CAO
DCMDW	118385	123445	124270	Sec
DCMDI	2212	2584	3236	Part
Other	0	2	0	Type
CAO	365331	375372	372899	Kind

A red arrow points from the text "Change Column" to the "Date" dropdown menu. A red circle highlights the "Date" dropdown menu. Another red circle highlights the "CAO" dropdown menu in the data area, with a red arrow pointing from the text "Change Rows" to it.

On the right side, a vertical list of items is shown with "[+]" symbols next to them:

- CAO
- Sec
- Part
- Type
- Kind
- MEASURES

Change Rows

# Changing Measures

- Use the Change Measure drop down list to change the report.
- By default, the values in a new report are based on the first measure in the measures list.

Date				Date
Sec	Sec	Part	Type	Date
<b>Kind</b>				
<b>MEASURES</b>				
Quantity of Contracts	Sep 95	Sep 96	Sep 97	Date
Obl	244734	249341	245393	739468
Ulo	118385	123445	124270	366100
DCMDI	2212	2584	3236	8032
Other	0	2	0	2
CAO	365331	375372	372899	

Change Measure  
(Default = first measure)

If the measure does not apply,  
N/A will be displayed

Years	Products	Locations	Channels	Margin Ranges
Revenue/Employee	Outdoor Products	Environmental Line	GO Sport Line	Products
MEASURES				
Revenue	NA	NA	NA	32,899
Product Cost	NA	NA	NA	39,947
Product Plan				
Expense Plan				
Quantity Sold	NA	NA	NA	73,073
Profit Margin %				
Revenue/Employee				

# Slice and Dice

- ◆ Lets you change and arrange dimensions in a report.
- ◆ Provides a different perspective on your data.

The screenshot shows two reports side-by-side, each with a header and a data grid. The top report's header includes dropdown menus for CAO, Date, Sec, Part, and Type, followed by a 'Kind' dropdown. The bottom report's header is identical. Red annotations highlight specific areas: a red circle around the 'Date' dropdown in the top report's header, with a red arrow pointing to the text 'Change columns from Date to Sections'; a red circle around the 'CAO' dropdown in the bottom report's header, with a red arrow pointing to the text 'Change rows from CAO's to Parts'; and a red circle around the 'Sec' dropdown in the bottom report's header, with a red arrow pointing to the text 'as values'.

Quantity of Contracts

	Sep 95	Sep 96	Sep 97	Date
MEASURES				
Quantity of Contracts	244734	249341	245393	739468
Obl	118385	123445	124270	366100
Ulo				

DCMDI

	2212	2584	3236	8032
--	------	------	------	------

Other

	0	2		
--	---	---	--	--

CAO

	365331	375372	37	
--	--------	--------	----	--

Quantity of Contracts

	Section 1	Section 2	Section 3	Section 4	Sec
Part A	433211	280638	38480	18876	771205
Part B	271653	64879	46	5819	342397
Part	704864	345517	38526	24695	1113602

# Drilling Down

- ◆ Use hyperlinks to drill down on your data.

Hyperlinks

CAO	Date	Sec	Part	Type
Kind				
Quantity of Contracts	Sep 95	Sep 96	Sep 97	Date
as values				
<a href="#">DCMDE</a>	244734	249341	245393	739468
<a href="#">DCMDW</a>	118385	123445	124270	366100
<a href="#">DCMDI</a>	2212	2584	3236	8032
<a href="#">Other</a>	0	2	0	2
CAO	365331	375372	372899	1113602

After  
Drill  
Down

CAO	Date	Sec	Part	Type
Kind				
Quantity of Contracts	Sep 95	Sep 96	Sep 97	Date
as values				
<a href="#">HD</a>	0	5	28	33
<a href="#">Puerto Rico</a>	182	310	619	1111
<a href="#">Hawaii</a>	168	123	79	370
<a href="#">Americas (JP)</a>	1862	2146	2510	6518
DCMDI	2212	2584	3236	8032

# Down a Level and Up a

Level  
Change Rows and Change Columns to  
move up

or down a level in your data.

CAO Date Sec Part Type

Kind

Quantity of Contracts	Section 1	Section 2	Section 3	Section 4	Date
as values					
DCMDE	439256	263607	22673	13932	739468
DCMDW	259306	80498	15765		
DCMDI	6300	1412	88		
Other	2	0	0		
CAO	704864	345517	38526		

CAO

[Down a Level] 

Date

Sec

Part

Type

Kind

MEASURES

-----

(Nest)

[+] Date

[+] Sec

[+] Part

[+] Type

[+] Kind

[+] MEASURES

Down a Level

CAO Date Sec Part Type

Kind

Quantity of Contracts	Section 1	Section 2	Section 3	Section 4	Sec
as values					
Geographic	387160	250257	21345	13247	672009
Plant	52096	13350	1328	685	67459
Geographic	221478	70702	14869	9757	316806
Plant	37775	9791	896	774	49236
Other	53	5	0	0	58
HD	32	1	0	0	33
Puerto Rico	754	217	36	104	1111
Hawaii	319	45	1	5	370
Americas (JB)	5195	1149	51	123	6518
JZ - ????	2	0	0	0	2
CAO	704864	345517	38526	24695	1113602

# Filtering Data Using the Dimension Line

- Filtering creates focused reports that show you the exact level of information selected in each dimension.

The screenshot illustrates a reporting interface with three distinct levels of filtering:

- Top Level:** A toolbar with dropdown menus for CAO, Date, Sec, and Part. The "Part" menu is highlighted with a red oval. Below it is a "Kind" dropdown.
- Middle Level:** A summary table showing the quantity of contracts for various categories (DCMDE, DCMDW, DCMDI, Other) across three dates (Sep 95, Sep 96, Sep 97). A "Date" dropdown is also present here.
- Bottom Level:** A detailed table showing the quantity of contracts for the same categories across the same dates. This table includes columns for CAO, Date, Sec, and Type. The "Type" column is labeled "Part A".

A red arrow points from the "Part" dropdown in the top toolbar down to the "Type" column in the bottom table, indicating that the selection in the top-level filter is being applied to the bottom-level data.

CAO	Date	Sep 95	Sep 96	Sep 97	Type
DCMDE	244734	245			Part A
DCMDW	118385	120			
DCMDI	2212	1			
Other	0				

CAO	Date	Sep 95	Sep 96	Sep 97	Type
DCMDE	175776	178149	180594		534519
DCMDW	74909	76801	80610		232320
DCMDI	1205	1361	1798		4364
Other	0	2	0		2

# Removing Filters

- You can remove filters all at once, one at a time, or from one layer at a time.

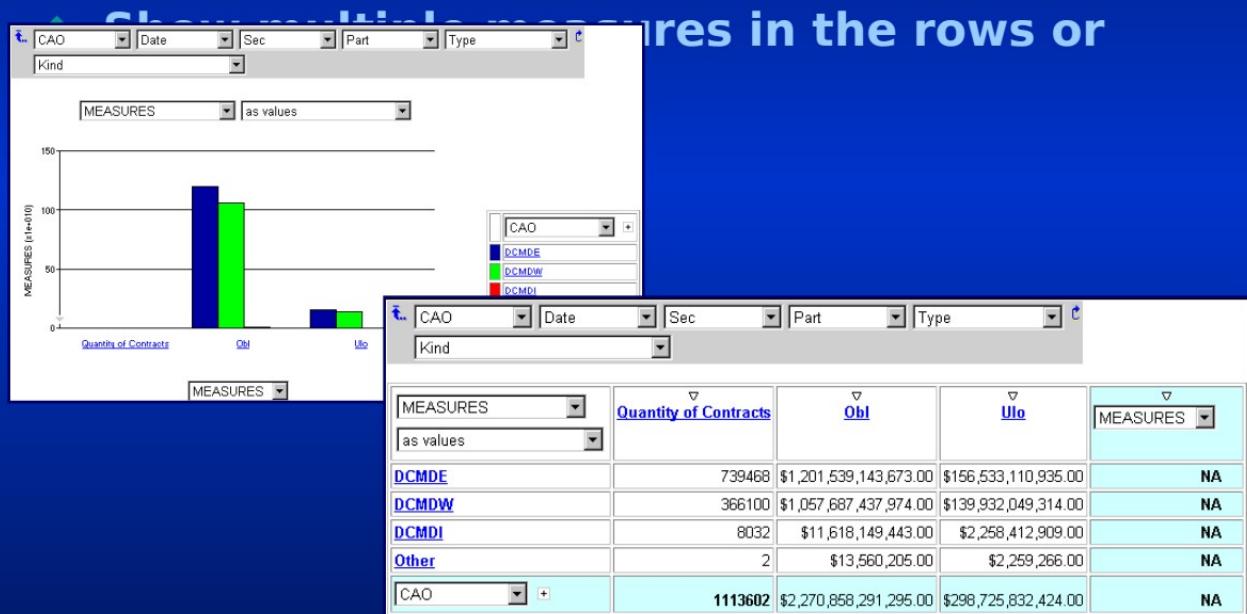
The screenshot shows a web browser window with a toolbar at the top containing Back, Forward, Reload, Home, Search, Guide, Print, Security, Stop, and Netscape buttons. Below the toolbar is a menu bar with Personal, Federal, DoD, DLA, DCMC, DCMDW, Search, News, Help, Bookmarks, and Location fields. The location field contains the URL: XT=WORKLOAD+HISTORY+FY95+TO+FY97&LA=en&LO=en&BACK=/cgi-bin/ppdscg.

The main content area features a search interface with dropdown menus for CAO, Date, Sec, Part, and Type, and a Kind dropdown. The 'Part' dropdown has a dropdown menu open with options Part, Part A, and Part B. To the left of the dropdowns is a section for 'Quantity of Contracts' with 'as values' and date filters for Sep 95, Sep 96, and Sep 97. Below this is a table of data:

	Sep 95	Sep 96	Sep 97	
DCMDE	244734	249341	245393	739468
DCMDW	118385	123445	124270	366100
DCMDI	2212	2584	3236	8032
Other	0	2	0	2
CAO	365331	375372	372899	1113602

# Multiple Measures

- ◆ Display multiple measures to examine differences between them.



# Removing Measures

- ◆ Use the Change Measure drop down list to remove

The screenshot shows a software interface with two tables of financial data. The top table has columns for CAO, Date, Sec, Part, Type, and Kind. The bottom table has columns for CAO, Date, Sec, Part, Type, and Kind. Both tables have rows for MEASURES, Quantity of Contracts, Obj, Ulo, and MEASURES. The bottom table also includes rows for DCMDE, DCMDW, DCMDI, Other, and CAO.

CAO	Date	Sec	Part	Type	Kind
MEASURES					
MEASURES					
Quantity of Contracts					
Obj					
Ulo					
MEASURES					

CAO	Date	Sec	Part	Type	Kind
MEASURES					
as values					
DCMDE	\$1,201,539,143,673.00	\$156,533,110,935.00			NA
DCMDW	\$1,057,687,437,974.00	\$139,932,049,314.00			NA
DCMDI	\$11,618,149,443.00	\$2,258,412,909.00			NA
Other	\$13,560,205.00	\$2,259,266.00			NA
CAO	\$2,270,858,291,295.00	\$298,725,832,424.00			NA

# Sorting Data



## ◆ Sorting values:

- ◆ Arranges numeric values in ascending or descending order.
  - ◆ Can help you determine performance of a specific dimension or level.

## Sort Descending

## Sort Ascending

Sort by level. Sort Ascending

CAO	Date	Sec	Part	Type
Kind				
MEASURES	▼	▼	▼	MEASURES
as values				
DCMDE	\$1,201,539,143,673.00	\$156,533,110,935.00		NA
DCMDW	\$1,057,687,437,974.00	\$139,932,049,314.00		NA
DCMDI	\$11,618,149,443.00	\$2,258,412,909.00		NA
Other	\$13,560,205.00	\$2,259,266.00		NA
CAO	\$2,270,858,291,295.00	\$298,725,832,424.00		NA

Sec	Part	Type		
▼	▼	▼		
Ulo				
MEASURES				
as values				
DCMDE	\$13,560,205.00	\$2,259,266.00		NA
DCMDW	\$11,618,149,443.00	\$2,258,412,909.00		NA
DCMDI	\$13,560,205.00	\$2,259,266.00		NA
Other	\$13,560,205.00	\$2,259,266.00		NA
CAO	\$2,270,858,291,295.00	\$298,725,832,424.00		NA

# Show Values as Percentages

Play The values in your report as a percentage

CAO Date Sec Part Type

Kind

	Obl	Ulo	
MEASURES	MEASURES	MEASURES	
as values			
DCMDE	\$1,201,539,143,673.00	\$156,533,110,935.00	NA
DCMDW	\$1,057,687,437,974.00	\$139,932,049,314.00	NA
DCMDI	\$11,618,149		
Other	\$13,560		
CAO	\$2,270,858,291		

CAO Date Sec Part Type

Kind

	Obl	Ulo	
MEASURES	MEASURES	MEASURES	
as % of column total			
DCMDE	52.91%	52.40%	NA
DCMDW	46.58%	46.84%	NA
DCMDI	0.51%	0.76%	NA
Other	0.00%	0.00%	NA
CAO	100.00%	100.00%	NA

as values

as % of row total

as % of row subtotals

as % of column total

as % of column subtotals

as % of grand total

[Hide Calculations]

# What is Nesting?

- ◆ Adds another level within a report.



The image displays two reports illustrating the concept of nesting. Both reports have identical structures:

- Top row: CAO, Date, Sec, Part, Type, and Kind dropdown menus.
- Second row: MEASURES dropdown set to "as values".
- Third row: A section header followed by three data rows. The first row contains the header and the first data row. The second row contains the second data row. The third row contains the third data row.
- Fourth row: A summary row showing totals for each column.
- Bottom row: NA (Not Applicable) for all columns.

**Report 1 (Top):**

Section 1	Obl	Ulo	MEASURES	NA
\$1,692,528,936,340.00	\$285,196,703,160.00			
\$419,315,747,904.00	\$7,911,783,673.00			
\$91,592,976,045.00	\$4,277,447,757.00			
				NA

**Report 2 (Bottom):**

Section 1	Obl	Ulo	MEASURES	NA
Part A	\$1,689,093,313,475.00	\$282,453,496,877.00		
Part B	\$3,435,622,865.00	\$2,743,206,283.00		
Part	\$1,692,528,936,340.00	\$285,196,703,160.00		
Section 2	Part A	\$418,645,212,387.00	\$7,625,790,447.00	
	Part B	\$670,535,517.00	\$285,993,226.00	
	Part	\$419,315,747,904.00	\$7,911,783,673.00	
				NA

# Create a Nested Crosstab

- In a PowerPlay Web crosstab display, the following items provide nesting:

The screenshot shows a PowerPlay Web crosstab setup. At the top, there are dimension filters: CAO, Date, Sec, Part, and Type. Below these are dropdown menus for Kind and Quantity of Contracts (set to 'as values'). The main area displays a grid of data for categories DCMDE, DCMDW, DCMDI, and Other, with sub-totals for CAO, Date, Sec, Part, and Kind. A context menu is open over the 'Type' dimension, showing options like Fixed, Cost, Time & Materials, Labor, and Others. Another context menu is open over the 'CAO' dimension, showing options like [+] Rows and [+] Columns. To the right, a sidebar lists dimensions and measures: CAO, Date, Sec, Part, Kind, and MEASURES. A red circle highlights the '+' sign next to 'CAO' in the sidebar, with an arrow pointing to the text 'To nest categories from a current dimension'. Another red circle highlights the '+' sign next to 'MEASURES' in the sidebar, with an arrow pointing to the text 'To nest categories from a different dimension or from'.

	Quantity of Contracts	Fixed	Cost	Time & Materials	Labor	
DCMDE	425258	200241		68338		
DCMDW	254796	62069		27266		
DCMDI	6940	209		117		
Other	2	0		0	0	0
CAO	686996	262519		95721	7830	531
						60005

To nest categories from a current dimension

To nest categories from a different dimension or from

# Remove or Replace Nested Categories

- In a PowerPlay Web crosstab display, click the following items to remove or replace nested

The screenshot shows a PowerPlay Web crosstab interface. On the left, a navigation pane displays a hierarchy of categories: CAO, Date, Sec, Part, Type, Kind, and MEASURES. A mouse cursor is hovering over the 'Date' category under CAO. Below the navigation pane, a legend indicates that blue text links represent 'Down a Level' and red text links represent 'Up a Level'. A red arrow points from the 'Date' link in the navigation pane to the 'Date' column header in the crosstab. Another red arrow points from the 'CAO' link in the navigation pane to the 'CAO' column header in the crosstab. In the bottom right corner of the crosstab, the text 'To remove a nested category' is displayed in red.

	CAO	Date	Sec	Part	Type	Kind
<b>Quantity of Contracts</b>						
as values						
<b>DCMDE</b>	<a href="#">Geographic</a>	387160	250257	21345	13247	672009
	<a href="#">Plant</a>	52096	13350	1328	685	67459
	<b>DCMDE</b>	<b>439256</b>	<b>263607</b>	<b>22673</b>	<b>13932</b>	<b>739468</b>
<b>DCMDW</b>	<a href="#">Geographic</a>	221478	70702	14869	9757	316806
	<a href="#">Plant</a>	37775	9791	896	774	49236
	<a href="#">Other</a>	53	5	0	0	58
	<b>DCMDW</b>	<b>259306</b>	<b>80498</b>	<b>15765</b>	<b>10531</b>	<b>366100</b>
<b>DCMDI</b>	<a href="#">HD</a>	32	1	0	0	33
	<a href="#">Puerto Rico</a>	754	217	36	104	1111
	<a href="#">Hawaii</a>	319	45	1	5	370
	<a href="#">Americas (JR)</a>	5195	1149	51	123	6518
	<b>DCMDI</b>	<b>6300</b>	<b>1412</b>	<b>88</b>	<b>232</b>	<b>8032</b>
<b>Other</b>	JZ - ????	2	0	0	0	2
	<a href="#">Other</a>	2	0	0	0	2
	<b>CAO</b>	<b>704864</b>	<b>345517</b>	<b>38526</b>	<b>24695</b>	<b>1113602</b>

To remove a nested category

# Nested Categories

- ♦ Nested categories can be:
  - ♦ From the same dimension.
  - ♦ From different dimensions.
  - ♦ Measures. **Nested Locations** (different dimensions)

**Nested Products  
(same dimension)**

MEASURES				
as values				
Section 1				
DCMDE	<u>Geographic</u>	<u>Quantity of Contracts</u>	237576	149584
		<u>Obl</u>	\$425,222,911,339.00	\$1,725,047,959.00
		<u>Ulo</u>	\$82,994,028,215.00	\$1,370,336,108.00
	<u>Plant</u>	<u>Quantity of Contracts</u>	39079	13017
		<u>Obl</u>	\$451,527,396,525.00	\$218,904,044.00
		<u>Ulo</u>	\$64,021,277,359.00	\$194,014,057.00
DCMDW	<u>Geographic</u>	<u>Quantity of Contracts</u>	127852	93626
		<u>Obl</u>	\$333,152,478,354.00	\$1,299,635,433.00
		<u>Ulo</u>	\$46,459,725,641.00	\$1,015,015,120.00
	<u>Plant</u>	<u>Quantity of Contracts</u>	25375	12400
		<u>Obl</u>	\$471,262,149,512.00	\$157,052,443.00

# Drill Down (Multiple Dimension-Nested Crosstab)

- When multiple dimensions are nested and you drill down:
  - All instances of the same row or column are affected

Quantity of Contracts		Section 1	Section 2
as values			
Sep 95	DCMDE	145876	85088
	DCMDW	86678	23162
	DCMDI	1777	343
	Other	0	0
	CAO	234331	108593
Sep 96	DCMDE	146809	89026
	DCMDW	86997	27516
	DCMDI	2069	408
	Other	2	0
	CAO	237877	116952
Sep 97	DCMDE	144571	89491
	DCMDW	85631	29820
	DCMDI	2454	661
	Other	0	0
	CAO	232656	119972



Quantity of Contracts		Section 1	Section 2
as values			
Sep 95	HD	0	0
	Puerto Rico	99	32
	Hawaii	155	11
	Americas (JR)	1523	300
	DCMDI	1777	343
Sep 96	HD	5	0
	Puerto Rico	213	49
	Hawaii	98	21
	Americas (JR)	1753	338
	DCMDI	2069	408
Sep 97	HD	27	1
	Puerto Rico	442	136
	Hawaii	66	13
	Americas (JR)	1919	511
	DCMDI	2454	661

# Drill Down (Same Dimension-Nested Crosstab)

- When multiple dimensions are nested and you drill down:
  - All other instances of the same row or column are affected

Quantity of Contracts		▼ Section 1	▼ Section 2
as values			
DCMDE	Geographic	387160	250257
	Plant	52096	13350
	DCMDE	439256	263607
DCMDW	Geographic	221478	70702
	Plant	37775	9791
	Other	53	5
	DCMDW	293906	80498
	HD	32	1
DCMDI	Puerto Rico	754	217
	Hawaii	319	45
	Americas (JR)	5195	1149
	DCMDI	6300	1412

replaced

Before  
Drill  
Down

After  
Drill  
Down

Quantity of Contracts		▼ Section 1	▼ Section 2
as values			
Geographic	Atlanta	23011	7836
	APMO	463	83
	Baltimore	88096	144102
	Birmingham	19916	9415
	Boston	25668	16054
	Clearwater	6401	2089
	Cleveland	17738	11706
	Dayton	24790	5143
	Detroit	17103	4862
	Hartford	20253	12513
	Indianapolis	10426	1886
	Long Island	19981	4261
Geographic	New York	9269	2227
	Orlando	9517	4623
	Philadelphia	43622	12337
	Pittsburgh	6785	2167
	Reading	5935	1322
	Springfield	20270	4108
	Stratford	5921	1552
	Syracuse	11805	2971
Geographic	387160	250257	
Plant	Boeing Helicopter	3118	659
	GE Aircraft Evendale	2370	320
	GE Lynn	2600	640
	General Dynamics Lima	56	1
	Hamilton Standard	2226	246

# Swap Nested Levels

- ◆ To swap nested levels click:
  - ◆ Swap Left, Swap Right in the Change Rows drop down list.
  - ◆ Swap Up, Swap Down in the Change

The screenshot shows a data analysis interface with two main sections. On the left, there is a sidebar with a tree view of measures and a list of filters. The main area displays two tables side-by-side. A red curved arrow points from the top table to the bottom table, indicating a swap operation. A red box highlights the 'Swap Left' button at the bottom of the sidebar, with a red arrow pointing towards it.

**Quantity of Contracts**

as values

Section 1	Section 2
237576	211923

**DCMDE**

**Geographic**

**Plant**

**DCMDE**

**Geographic**

**Part A**

**Quantity of Contracts**

as values

Section 1	Section 2
237576	211923

**DCMDE**

**Part A**

**Geographic**

**Plant**

**DCMDE**

**Geographic**

**Plant**

**DCMDE**

**Geographic**

**Plant**

**DCMDE**

**Geographic**

**Plant**

**DCMDE**

**Geographic**

**Plant**

**DCMDW**

**Part A**

**Geographic**

**Plant**

**Other**

**DCMDW**

**Geographic**

**Plant**

**Other**

**DCMDW**

**Geographic**

**Plant**

**Other**

**DCMDW**

Quantity of Contracts

as values

Section 1	Section 2
237576	211923

Section 1	Section 2
39079	11728

Section 1	Section 2
276655	223651

Section 1	Section 2
149584	38334

Section 1	Section 2
13017	1622

Section 1	Section 2
162601	39956

Section 1	Section 2
439256	263607

Section 1	Section 2
127852	48160

Section 1	Section 2
25375	7981

Section 1	Section 2
46	4

Section 1	Section 2
153273	56145

Part

CAO  
Date  
Sec  
Type  
Kind  
MEASURES

[+] CAO  
[+] Date  
[+] Sec  
[+] Type  
[+] Kind  
[+] MEASURES

[Hide Summaries]  
[Remove]  
[Swap Left]

# Export Data



- ◆ To export data in a report:
  - ◆ Click the Save as.CSV button on the PowerPlay Web toolbar.
  - ◆ In the Save As dialog box, type the

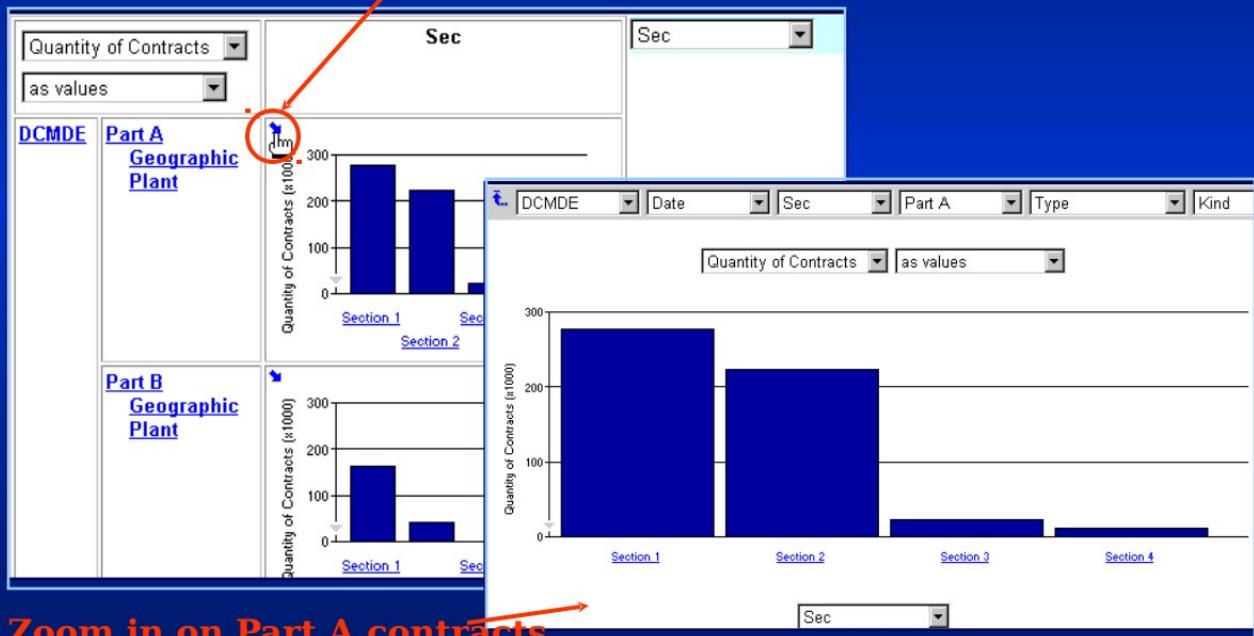


# Zoom In on a Display



- ◆ Zoom in isolates one of the displays in a nested graph.

Zoom In  
Arrow



Zoom in on Part A contracts

# DCMC Visibility Portfolio

## *Portfolio Demonstration:*

Defense Contract Management Command  
Visibility Program



FY 00 Performance Plan

FY 01 Performance Plan

Demographics

Contract Data

FY 99

Performance Labor Accounting System

FY 00

Unit Cost Data

Exit Portfolio

# Questions?

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